

AMENDMENTS TO CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application:

1. (Currently Amended) An electrical connector, comprising:
 - a. a connector body;
 - b. ~~pins-wires~~ extending through the connector body;
 - c. a spacer cooperating with the connector body and through which the ~~pins~~
5 ~~wires~~ extend;
 - d. printed circuit board having solderless connectors thereon and having at least one light emitting diode;
 - e. a lens piece having at least one lens; and
 - f. a collar capable of engagement with the connector body;

10 wherein the ~~pins are connectable to lead wires and capable of contacting wires~~
~~removably contact the solderless connections on the printed circuit board to provide~~
~~connectors for providing an electrical connection between the wires and the printed~~
~~circuit board thereto.~~
2. (Original) The electrical connector of claim 1, wherein the printed circuit board is removable and replaceable.
3. (Original) The electrical connector of claim 1, wherein the lens piece is removable and replaceable.
4. (Original) The electrical connector of claim 1, wherein the lens piece cooperates with the at least one light emitting diode on the printed circuit board.
5. (Original) The electrical connector of claim 1, wherein the collar secures the lens piece, the printed circuit board, and the spacer when in engagement with the connector body.

6. (Currently Amended) The electrical connector of claim 1, wherein the pins-wires are held in the electrical connection with the solderless connectors when the collar is engaged with the connector body.

7. (Original) The electrical connector of claim 1, wherein the collar comprises a threaded portion and the connector body comprises a threaded portion, wherein the collar threaded portion is capable of engagement with the connector body threaded portion.

8. (Currently Amended) The electrical connector of claim 1, wherein the printed circuit board comprises keying elements capable of cooperating with the spacer to properly align the printed circuit board with the pins-wires extending through the spacer.

9. (Currently Amended) A remote diagnostic unit having at least one light emitting diode for a vehicle diagnostic system, comprising:

- a. a printed circuit board comprising solderless connectors and at least one light emitting diode;
- 5 b. a connector body;
- c. pins—wires, extending through the connector body, removably cooperating for cooperation with the solderless connectors for providing an electrical connection between the wires and the printed circuit board—connections;
- d. a spacer between the printed circuit board and the connector body;
- 10 e. a lens piece having at least one lens for cooperation with the at least one light emitting diode on the printed circuit board; and
- f. a collar capable of engagement with the connector body to house the lens, the printed circuit board, and the spacer.

10. (Original) The remote diagnostic unit of claim 9, wherein the printed circuit board is removable and replaceable.

11. (Original) The remote diagnostic unit of claim 9, wherein the lens piece is removable and replaceable.

12. (Canceled)

13. (Original) The remote diagnostic unit of claim 9, wherein the collar secures the lens piece, the printed circuit board, and the spacer when in engagement with the connector body.

14. (Currently Amended) The remote diagnostic unit of claim 9, wherein the ~~pins-wires~~ are held in electrical connection with the solderless connectors when the collar is engaged with the connector body.

15. (Currently Amended) The remote diagnostic unit of claim 9, wherein:
the collar comprises a threaded portion and the connector body comprises a threaded portion; ~~and, wherein~~
~~the collar threaded portion is capable of engagement with engages~~ the connector body threaded portion.
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16. (Currently Amended) The remote diagnostic unit of claim 9, wherein the printed circuit board comprises keying elements capable of cooperating with the spacer to properly align the printed circuit board with the ~~pins-wires~~ extending through the spacer.

17. (New) An electrical connector, comprising:
a. a connector body;
b. wires extending through the connector body; and
c. a printed circuit board having solderless connectors thereon, the wires
5 removably contacting the solderless connectors for providing an electrical connection between the wires and the printed circuit board.

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Reply to Office Action of February 20, 2004

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AMENDMENTS TO THE DRAWINGS:

The attached sheet of drawing includes changes to FIGURE 1. This sheet, which includes FIGURE 1, replaces the original sheet including FIGURE 1. No new matter has been added by the changes incorporated into FIGURE 1.

Attachment: One (1) Replacement Sheet